

WHAT IS CLAIMED IS:

1. A method for printing a halftone digital image on both a printing press and a color proofer using the same binary digital data comprising:
 - making a printing plate from said binary digital data;
 - making a press sheet using a press with said printing plate;
 - sending said binary digital data to a dot-gain processor for conditioning said binary digital data to introduce a predetermined level of dot-gain;
 - transmitting said conditioned binary digital data to said color proofer; and
 - printing a halftone color proof on said color proofer.
2. A method for printing a halftone digital image as in claim 1 wherein said binary digital data is conditioned by convolution with a spatial filter.
3. A method for printing a halftone digital image on both a printing press and a color proofer using the same binary digital data comprising:
 - sending a customer file to a raster image processor;
 - applying a dot-gain for said printing press to said customer file;
 - ripping said customer file into a bitmap for each color plane;
 - creating at least one printing plate from at least one of said bitmaps for at least one of said colors;
 - sending said bitmaps to a dot-gain processor for conditioning said bitmaps to introduce a second predetermined level of dot-gain;
 - transmitting said conditioned bitmaps to said color proofer; and
 - printing a color proof.